



# National Weather Service

## Storm Data and Unusual Weather Phenomena



June 1997

June 1997									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>MINNESOTA, Central and South Central</u>									
Morrison County									
Motley	04	1558CST			0	0			Hail(0.75)
Freeborn County									
5 S Albert Lea	05	1035CST			0	0			Hail(1.00)
Freeborn County									
Twin Lakes	05	1045CST			0	0			Hail(0.75)
Goodhue County									
8 SE Red Wing	05	1145CST			0	0			Hail(0.75)
Dakota County									
6 SE Farmington	07	1217CST			0	0			Hail(1.00)
Rice County									
3 E Northfield	07	1255CST			0	0			Hail(0.75)
Hennepin County									
Minneapolis	07	1303CST			0	0			Thunderstorm Wind (52)
		Pea Size Hail also reported.							
Hennepin County									
Hopkins	15	1320CST			0	0			Thunderstorm Wind (50)
		10 inch diameter tree branches knocked down. Estimated windspeed.							
Ramsey County									
St Paul	15	1334CST			0	0			Hail(0.75)
		Thunderstorm winds also knocked down several large trees.							
Washington County									
Oakdale	15	1345CST			0	0			Hail(0.75)
Stevens County									
Donnelly	17	1445CST			0	0			Funnel Cloud
Hennepin County									
Wayzata	20	1511CST			0	0			Thunderstorm Wind (50)
		Large tree branches down. Estimated windspeed.							
Kandiyohi County									
Lake Lillian to 5 SE Lake Lillian	22	1515CST			0	0			Hail(0.75)
		Hail swath continued from Lake Lillian to Renville county border. Significant crop damage.							
Meeker County									
3 W Cosmos to 3 SE Cosmos	22	1525CST 1530CST			0	0		400K	Hail(0.75)
		5000 acres with varying degrees of crop damage. Some soybean fields a total loss.							
Meeker County									
2 S Cosmos	22	1530CST			0	0			Thunderstorm Wind (50)
		Trees down. Estimated windspeed.							
Renville County									
Churchill	22	1555CST			0	0			Thunderstorm Wind (50)
		Large branches down. Estimated windspeed.							
Renville County									
4 NW Lakeside	22	1600CST			0	0			Thunderstorm Wind (50)
		4 inch diameter branches down.							
McLeod County									
2 S Stewart	22	1630CST			0	0			Thunderstorm Wind (50)
		Gas grill knocked over. Estimated windspeed.							



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<b><u>MINNESOTA, Central and South Central</u></b>									
<b>Lac Qui Parle County</b>									
1 N Madison	22	1645CST			0	0			Thunderstorm Wind (50)
Power poles knocked down. Grain bin destroyed. Large tree blown over onto house. Estimated windspeed.									
<b>Chippewa County</b>									
4 NE Watson	22	1720CST			0	0			Strong Wind Gust
Shed damage.									
<b>Redwood County</b>									
2 W Walnut Grove	22	1820CST			0	0			Thunderstorm Wind (50)
Large trees down. Estimated windspeed.									
<b>Watonwan County</b>									
Butterfield	22	1830CST			0	0			Thunderstorm Wind (56)
Trees down. Small hail also reported.									
<b>Martin County</b>									
Sherburn	22	1850CST			0	0			Thunderstorm Wind (52)
<b>Watonwan County</b>									
2 S Butterfield	22	1911CST 1920CST			0	0			Hail(1.75)
15,000 acres damaged by hail.									
<b>Watonwan County</b>									
St James	22	1920CST			0	0			Thunderstorm Wind (52)
Measured by local radio station.									
<b>Martin County</b>									
Welcome	22	1930CST			0	0			Thunderstorm Wind (52)
<b>Martin County</b>									
3 E Sherburn	22	1937CST			0	0			Thunderstorm Wind (61)
<b>Martin County</b>									
Fairmont	22	1951CST			0	0			Hail(1.00)
<b>Martin County</b>									
Fairmont	22	1955CST			0	0			Thunderstorm Wind (56)
<b>Martin County</b>									
4 E Granada	22	2000CST			0	0			Thunderstorm Wind (50)
10 inch diameter tree branches down.									
<b>Watonwan County</b>									
St James	22	2000CST			0	0			Flash Flood
Three and one half inches of rain fell in 30 minutes. Numerous streets flooded and several basements flooded. Two feet of water on north side of town. Deer Park flooded.									
<b>Faribault County</b>									
Huntley	22	2005CST			0	0			Thunderstorm Wind (50)
Trees down. Estimated windspeed.									
<b>Martin County</b>									
2 S Welcome	22	2010CST			0	0			Flash Flood
Road washed out.									
<b>Brown County</b>									
5 SE Sleepy Eye	22	2030CST			0	0	15K		Lightning
Significant damage to farmhouse.									
<b>Douglas County</b>									
Alexandria	22	2347CST			0	0			Hail(1.00)



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<b><u>MINNESOTA, Central and South Central</u></b>									
<b>Todd County</b>									
5 N West Union	23	0005CST			0	0			Hail(1.00)
<b>Todd County</b>									
5 SE Philbrook to 1 NW Lincoln	28	0440CST			0	0			Hail(0.88)
<b>Morrison County</b>									
1 SW Cushing	28	0500CST			0	0			Hail(0.88)
		Some crop damage.							
<b>Morrison County</b>									
Flensburg	28	0515CST			0	0			Hail(1.00)
<b>Morrison County</b>									
14 W Little Falls	28	0528CST			0	0			Hail(1.00)
<b>Morrison County</b>									
1 W Flensburg	28	0530CST			0	0			Hail(0.75)
		Some crop damage.							
<b>Benton County</b>									
Rice	28	0625CST			0	0			Hail(1.75)
<b>Benton County</b>									
3 N Sauk Rapids	28	0625CST			0	0			Thunderstorm Wind (50)
		Power lines down.							
<b>Benton County</b>									
5 NW Gilman	28	0650CST			0	0			Hail(0.75)
<b>Benton County</b>									
Glendorado	28	0705CST			0	0			Hail(0.88)
<b>Anoka County</b>									
Coon Rapids	28	0755CST			0	0			Hail(1.75)
<b>Hennepin County</b>									
Brooklyn Park	28	0755CST			0	0			Hail(1.75)
<b>Ramsey County</b>									
Mounds View	28	0825CST			0	0			Hail(0.88)
<b>Ramsey County</b>									
St Paul	28	0856CST			0	0			Hail(0.75)
<b>Washington County</b>									
Woodbury	28	0904CST			0	0			Thunderstorm Wind (50)
		4 inch diameter tree limbs down. Estimated windspeed.							
<b>Washington County</b>									
Woodbury	28	0915CST			0	0			Hail(0.75)
		Three inches of rain and street flooding reported in area							
<b>Washington County</b>									
Cottage Grove	28	0940CST			0	0			Hail(1.50)
<b>Stevens County</b>									
Morris	28	1125CST			0	0			Thunderstorm Wind (50)
		Trees blown down. Estimated windspeed.							
<b>Douglas County</b>									
2 N Miliona to Rose City	28	1130CST			0	0			Thunderstorm Wind (50)
		Numerous trees down. Estimated windspeed.							
<b>Pope County</b>									
Sedan	28	1130CST			0	0			Thunderstorm Wind (50)
		Large branches down. Estimated windspeed.							



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<b><u>MINNESOTA, Central and South Central</u></b>									
<b>Kandiyohi County</b>									
2 W Willmar	28	1225CST			0	0			Thunderstorm Wind (55)
									Roof off building. Estimated windspeed.
<b>Kandiyohi County</b>									
Willmar	28	1235CST			0	1			Thunderstorm Wind (55)
									Large tree blown onto hood of car. One passenger injured.
<b>Todd County</b>									
Browerville	28	1245CST			0	0			Thunderstorm Wind (50)
									Trees down. Estimated windspeed.
<b>Morrison County</b>									
Randall	28	1250CST			0	0			Thunderstorm Wind (50)
									Trees blown down. Estimated windspeed.
<b>Meeker County</b>									
Eden Vly	28	1300CST			0	0			Thunderstorm Wind (55)
									Numerous trees and power lines down. Corn crib and shed blown over. Estimated windspeed. Damage extended across county line into Stearns county.
<b>Morrison County</b>									
9 SE Motley	28	1310CST			0	0			Thunderstorm Wind (61)
<b>Stearns County</b>									
Paynesville	28	1310CST			0	0			Thunderstorm Wind (55)
									Trees blown down. Roof ripped off garage and flipped onto nearby house. Estimated windspeed.
<b>Meeker County</b>									
2 S Cosmos	28	1320CST			0	0			Hail(0.75)
<b>Wright County</b>									
4 NE Annandale	28	1325CST			0	1			Thunderstorm Wind (50)
									One woman critically injured when a tree branch was blown off a tree and struck her in the head.
<b>Wright County</b>									
3 N Cokato	28	1335CST			0	0			Thunderstorm Wind (50)
									Power lines and large branches down. Trees also reported down in Waverly. Estimated windspeed.
<b>Meeker County</b>									
2 NE Kingston	28	1338CST	0.1	50	0	0			Tornado (F0)
									Brief touchdown on northern bay of Lake Francis. Dock, boat and boat lift flipped over in water.
<b>Wright County</b>									
3 NW French Lake	28	1338CST	0.1	50	0	0			Tornado (F0)
									Brief touchdown on northern bay of Lake Francis. Dock, boat and boat lift flipped into water.
<b>Renville County</b>									
4 NE Fairfax	28	1340CST			0	0			Hail(1.00)
									Trees also blown down.
<b>McLeod County</b>									
1 N Hutchinson	28	1345CST			0	0			Thunderstorm Wind (50)
									Trees blown down. Estimated windspeed.
<b>Mille Lacs County</b>									
1 NW Isle	28	1345CST			0	0			Hail(1.75)
									Hail pelted Scenic Bay resort launch about 1 mile from shore on Lake Mille Lacs. Strong winds accompanied the hail.



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<b><u>MINNESOTA, Central and South Central</u></b>									
<b>Mille Lacs County</b>									
Onamia	28	1345CST			0	0			Thunderstorm Wind (50)
			4 inch branches down. Outdoor furniture blown around.						
<b>Nicollet County</b>									
9 NW St George	28	1355CST			0	0			Thunderstorm Wind (50)
			Large branches and tents down in Fort Ridgely state park. Estimated windspeed.						
<b>Kanabec County</b>									
10 N Mora	28	1400CST			0	0			Thunderstorm Wind (50)
			Trees down. More trees down reported at same time 3 miles south of Mora.						
<b>Nicollet County</b>									
Lafayette	28	1400CST			0	0			Hail(1.00)
			Hail lasted for 10 minutes. Some crop damage.						
<b>Sibley County</b>									
4 NW Arlington	28	1400CST			0	0			Thunderstorm Wind (50)
			5 inch branches down. 8 inches of rain also reported. Storm sewers were overflowing in Winthrop. Estimated windspeed						
<b>Sherburne County</b>									
6 N Zimmerman	28	1407CST			0	0			Thunderstorm Wind (50)
			Large branches and power lines down. Estimated windspeed.						
<b>Isanti County</b>									
4 SE Isanti	28	1410CST			0	0			Thunderstorm Wind (50)
			Trees down. Also trees reported down at Cambridge state hospital.						
<b>Isanti County</b>									
Braham	28	1415CST			0	0			Thunderstorm Wind (55)
			Large trees blown over. Estimated windspeed						
<b>Chisago County</b>									
5 E North Branch	28	1430CST			0	0			Thunderstorm Wind (50)
			Trees blown down. Estimated windspeed.						
<b>Hennepin County</b>									
St Bonifacius	28	1435CST			0	0			Thunderstorm Wind (50)
			Power lines and trees down. Estimated windspeed.						
<b>Anoka County</b>									
1 N Andover to Oak Grove	28	1445CST			0	0			Hail(0.75)
<b>Anoka County</b>									
Ramsey	28	1445CST			0	0			Hail(0.75)
<b>Carver County</b>									
Chaska	28	1445CST			0	0			Thunderstorm Wind (50)
			6 inch branches down. Estimated windspeed.						
<b>Anoka County</b>									
Coon Rapids	28	1450CST			0	0			Thunderstorm Wind (50)
			Trees down. Several trees down also in Fridley. Estimated windspeed.						
<b>Le Sueur County</b>									
9 S Le Center	28	1450CST			0	0			Hail(0.75)
			Trees also reported down on south side of Jefferson Lake.						
<b>Scott County</b>									
Marystown	28	1455CST			0	0			Hail(2.00)
<b>Dakota County</b>									
South St Paul	28	1500CST			0	0			Thunderstorm Wind (50)
			Trees down. Estimated windspeed.						



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					Killed	Injured	Property Crops	
<b><u>MINNESOTA, Central and South Central</u></b>								
<b>Ramsey County</b>								
Maplewood	28	1500CST			0	0		Thunderstorm Wind (50)
	Trees down at intersection of highways 36 and 61. Esimtated windspeed.							
<b>Scott County</b>								
Elko	28	1500CST			0	0		Thunderstorm Wind (50)
	Shed damage. Also reported in New Market. Estimated windspeed.							
<b>Brown County</b>								
New Ulm	28	1515CST			0	0		Thunderstorm Wind (50)
	Trees and large branches down on west side of city. Estimated windspeed. About one and one half inches of rain in one half hour resulted in minor flooding at a mobile home park.							
<b>Washington County</b>								
1 S Stillwater	28	1515CST			0	0		Thunderstorm Wind (50)
	Power lines and large branches down. Estimated windspeed.							
<b>Kandiyohi County</b>								
Willmar	28	1550CST			0	0		Flash Flood
	Streets flooded. Cars stranded.							
<b>Goodhue County</b>								
Cannon Falls	28	1600CST			0	0		Thunderstorm Wind (50)
	Large tree branches blown down. Estimated windspeed.							
<b>Blue Earth County</b>								
2 E Lake Crystal	28	1615CST			0	0		Hail(0.75)
<b>Rice County</b>								
3 SE Ruskin	28	1615CST			0	0		Hail(0.75)
<b>Watonwan County</b>								
2 W La Salle	28	1630CST			0	0		Hail(1.50)
	Hail covered ground and lasted for 10 minutes.							
<b>Martin County</b>								
Truman	28	1710CST			0	0		Hail(0.75)
<b>Blue Earth County</b>								
6 SE Mapleton	28	1715CST			0	0		Hail(0.88)
	About 6,000 acres of crops sustained severe hail damage in Blue Earth county.							
<b>Faribault County</b>								
Delavan	28	1720CST			0	0		Hail(0.75)
<b>Faribault County</b>								
6 E Blue Earth	28	1730CST			0	0		Hail(0.88)
<b>Kandiyohi County</b>								
6 NE New London	28	1740CST			0	0		Hail(1.00)
<b>Martin County</b>								
2 N Granada	28	1740CST			0	0		Hail(1.50)
<b>Kandiyohi County</b>								
10 S Willmar	28	1813CST			0	0		Hail(1.75)
<b>Mcleod County</b>								
Lester Prairie	28	1815CST			0	0		Hail(0.88)
<b>Meeker County</b>								
2 S Cosmos	28	1830CST			0	0		Hail(1.00)
	Some crop damage.							
<b>Renville County</b>								
4 NW Churchill to 6 S Cosmos	28	1900CST			0	0		Hail(0.75)



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### MINNESOTA, Central and South Central

Sibley County							
2 NE Winthrop	28	1927CST		0	0		Hail(0.75)
Renville County							
Hector Muni Arpt	28	1950CST		0	0		Hail(0.88)
		6 inches of rain also reported.					
Nicollet County							
7 W Lafayette	28	2030CST		0	0		Hail(1.75)
Renville County							
Hector	28	2049CST		0	0		Hail(0.75)
Renville County							
Buffalo Lake	28	2054CST		0	0		Hail(1.25)
		Hail covered ground. Significant crop damage.					
Mcleod County							
3 E Stewart	28	2125CST		0	0		Hail(0.88)
Mcleod County							
Brownton	28	2130CST		0	0		Flash Flood
		Flooded basement resulted in wall collapse. Water over highway 22.					
Yellow Medicine County							
6 W Canby	28	2130CST		0	0		Thunderstorm Wind (50)
		Trees down.					
Mcleod County							
Brownton	28	2132CST		0	0		Hail(0.75)
Mcleod County							
Brownton	28	2140CST		0	0		Hail(0.88)
Lac Qui Parle County							
5 S Madison	28	2145CST		0	0		Hail(0.75)
Mcleod County							
4 S Glencoe	28	2330CST		0	0		Hail(1.00)
		Hail damaged paint and shutters.					
Stearns County							
Paynesville	29	0005CST		0	0		Hail(1.00)
Meeker County							
Cosmos	29	0030CST		0	0		Hail(0.75)
		5 inches of rain also reported.					
Mcleod County							
Stewart	29	0220CST		0	0		Hail(0.88)
Renville County							
6 NW Lakeside	29	0230CST		0	0		Hail(1.00)
Nicollet County							
1 E Bernadotte	29	0300CST		0	0		Lightning
		Lightning struck tree, throwing chunks of wood airborne. One chunk broke a window on a nearby farmhouse.					

### WISCONSIN, West

<b>Pepin County</b>									
Arkansaw	05	1150CST			0	0			Hail(0.75)



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<b><u>WISCONSIN, West</u></b>									
Eau Claire County									
Fall Creek	05	1230CST			0	0		Hail(0.88)	
Pierce County									
Ellsworth	07	1345CST			0	0		Hail(0.88)	
		Hail covered the ground on the east side of the city.							
St. Croix County									
Baldwin	15	1415CST			0	0		Hail(0.75)	
St. Croix County									
River Falls	15	1415CST			0	0		Hail(0.75)	
Pierce County									
4 N Olivet	15	1425CST			0	0		Hail(1.00)	
Dunn County									
5 W Downsville to 4 W Downsville	15	1430CST	1	500	0	0	200K	Tornado (F2)	
		Three silos, machine shed, barn and several trees damaged or destroyed. Pieces of shed found 1 mile away. Numerous trees and power lines down.							
Dunn County									
4 SE Downsville	15	1435CST			0	0		Thunderstorm Wind (50)	
		Shed destroyed. Trees and power lines down. Estimated windspeed.							
Eau Claire County									
5 SE Eau Claire	15	1500CST			0	0		Thunderstorm Wind (50)	
		Trees down. Semitrailer truck blown by wind resulting in jackknife. Estimated windspeed							
Eau Claire County									
6 S Eau Claire	15	1525CST			0	0		Thunderstorm Wind (50)	
		Vehicle blown off highway across ditch and into adjacent field. Estimated windspeed.							
Eau Claire County									
2 N Augusta	15	1535CST			0	0		Thunderstorm Wind (50)	
		Farm elevator overturned. Silo top knocked off. Estimated windspeed.							
Eau Claire County									
3 N Augusta	15	1535CST			0	0		Thunderstorm Wind (50)	
		Trees down, one falling on house. Estimated windspeed.							
Dunn County									
1 N Menomonie	24	1310CST	0.1	100	0	0	22K	Tornado (F1)	
		Shed destroyed. Corn stalks driven into the seams of house siding.							
Barron County									
Cumberland	24	1330CST			0	0		Lightning	
		Lightning strike to business.							
St. Croix County									
New Richmond Arpt	28	0905CST			0	0		Thunderstorm Wind (55)	
Eau Claire County									
1 W Eau Claire	28	1613CST			0	0		Thunderstorm Wind (50)	
		Siding torn off building. Estimated windspeed.							
Eau Claire County									
5 W Fall Creek	30	1105CST			0	0		Funnel Cloud	